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TITLE : LIQUID WAX

ABSTRACT : PURPOSE: To obtain a liquid wax having an antistatic effect and a UV-screening effect by mixing a liquid wax with a fine metallic powder, a fine organic substance powder or a fine ceramic powder.

CONSTITUTION: 0.2-5wt.% fine powder of a metal such as titanium or copper, a fine powder of an organic substance such as melamine or fine powder of micaceous or particulate ceramic is added to a liquid wax prepared by mixing water with a paraffin, an emulsifier, silicon, fluorine, etc. An example of the preparative method consists of introducing 4.0wt.% stearic acid, 5.0wt.% No1. carnauba wax, 5.0wt.% silicon, 20.0wt.% fluorine, 20.0wt.% solvent OH, 0.2wt.% anti-mold agent, 2.0wt.% fine titanium powder and 2.0wt.% fine copper powder into a kettle, dissolving these components by heating to 95-100°C with an open flame or steam to obtain group A, introducing 3.0wt.% triethanolamine, 5.0wt.% butylcarbitol and the balance of water into a kettle, heating these components to 50-60°C and keeping the mixture at this temperature to obtain group B, emulsifying group A, and adding group B in small portions to the emulsified group B under agitation.

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